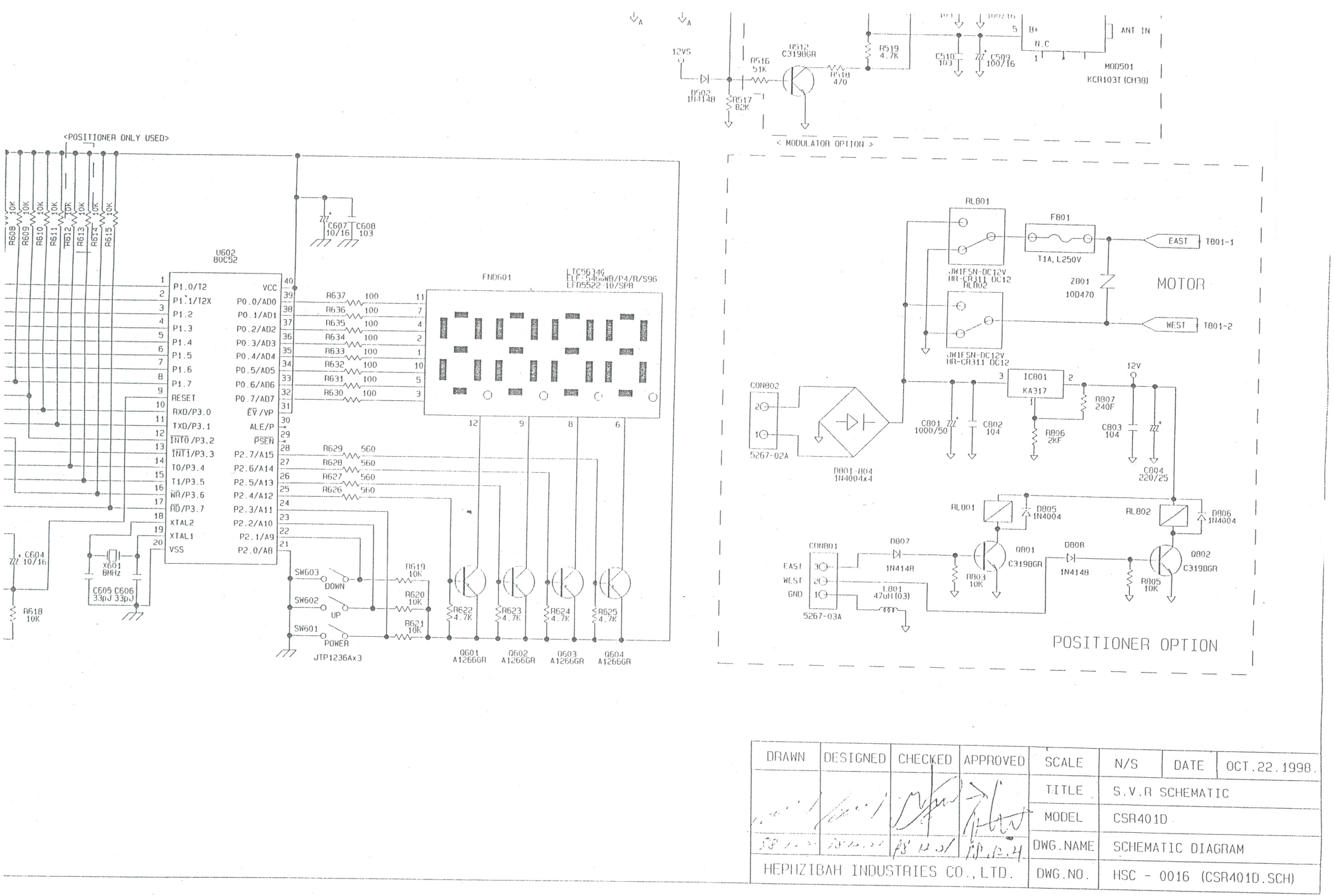
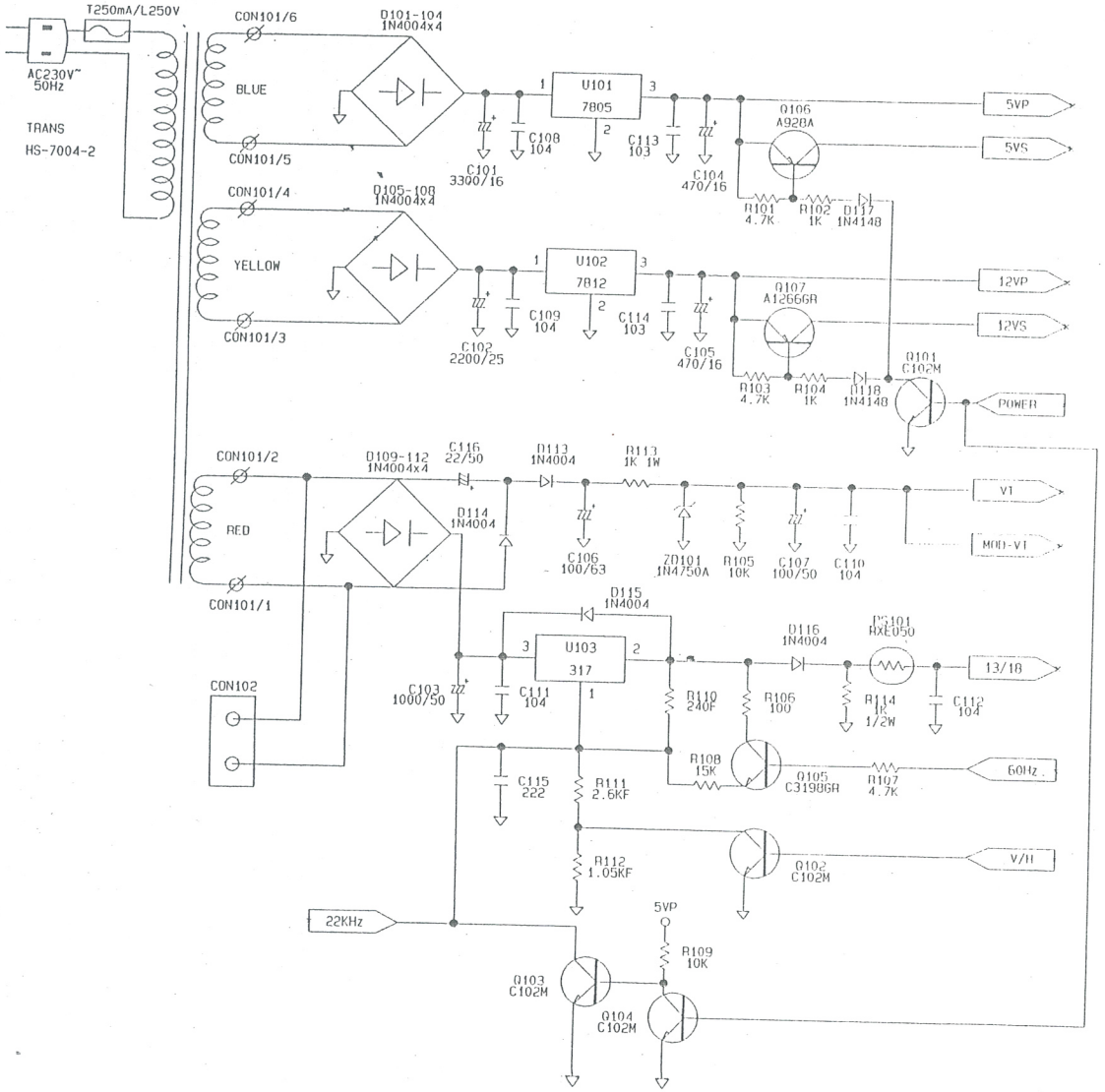
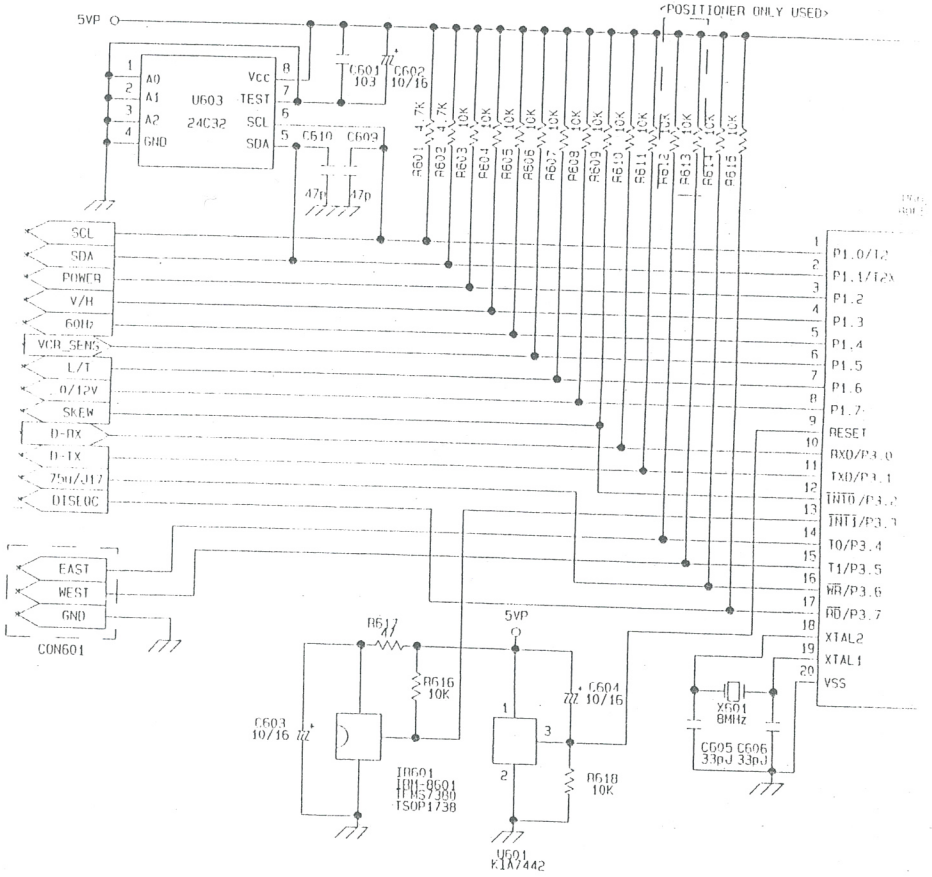
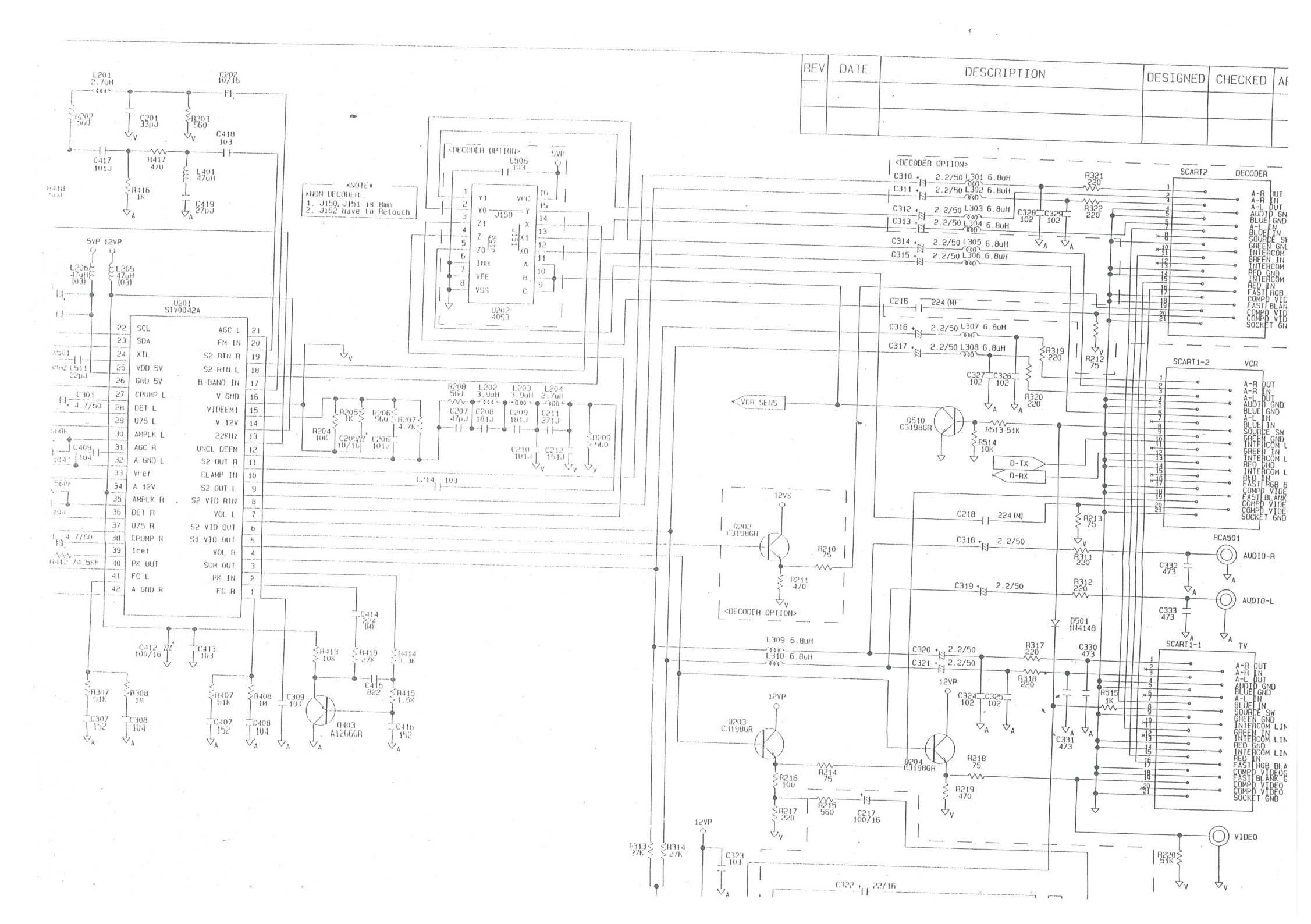
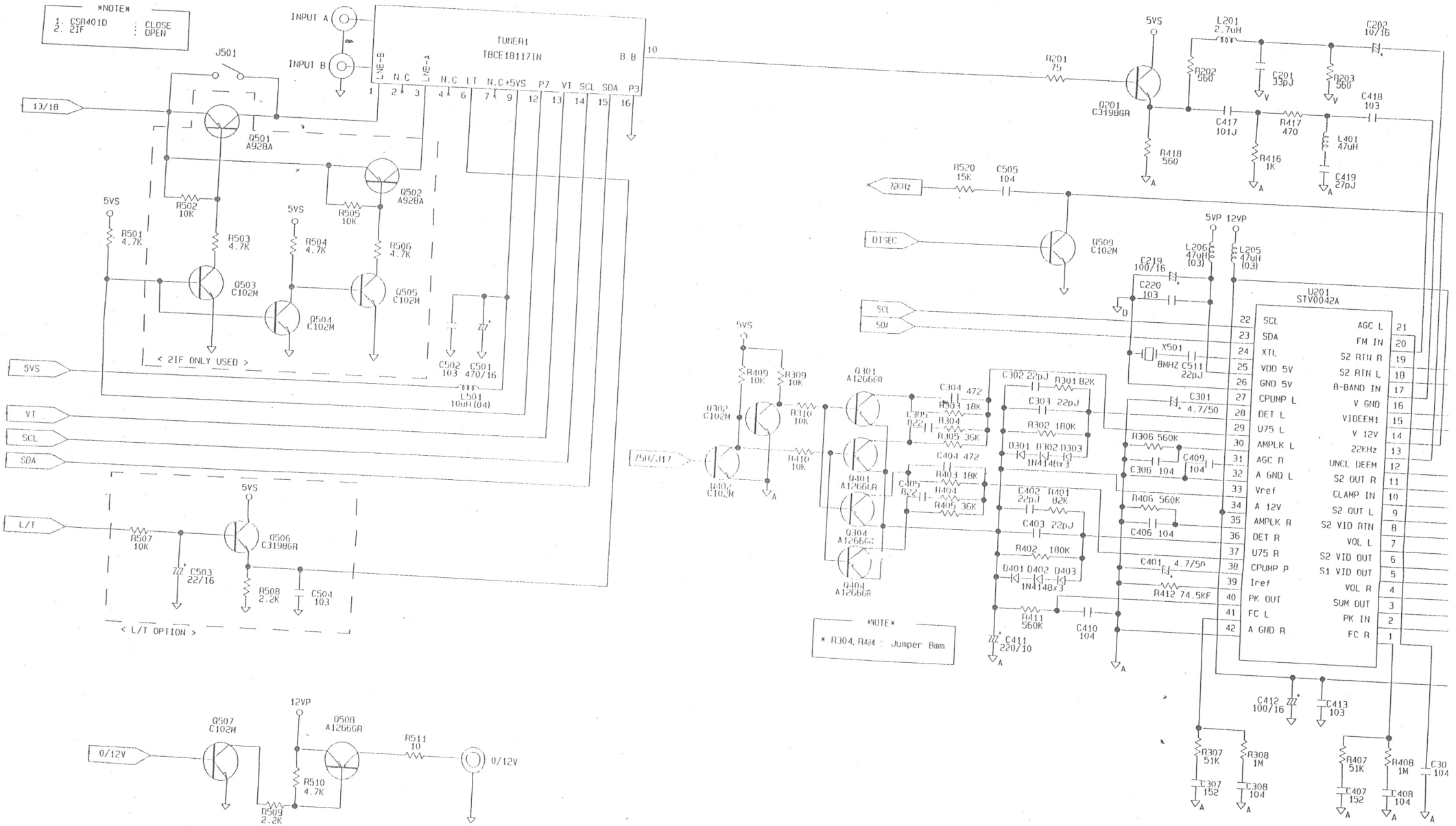


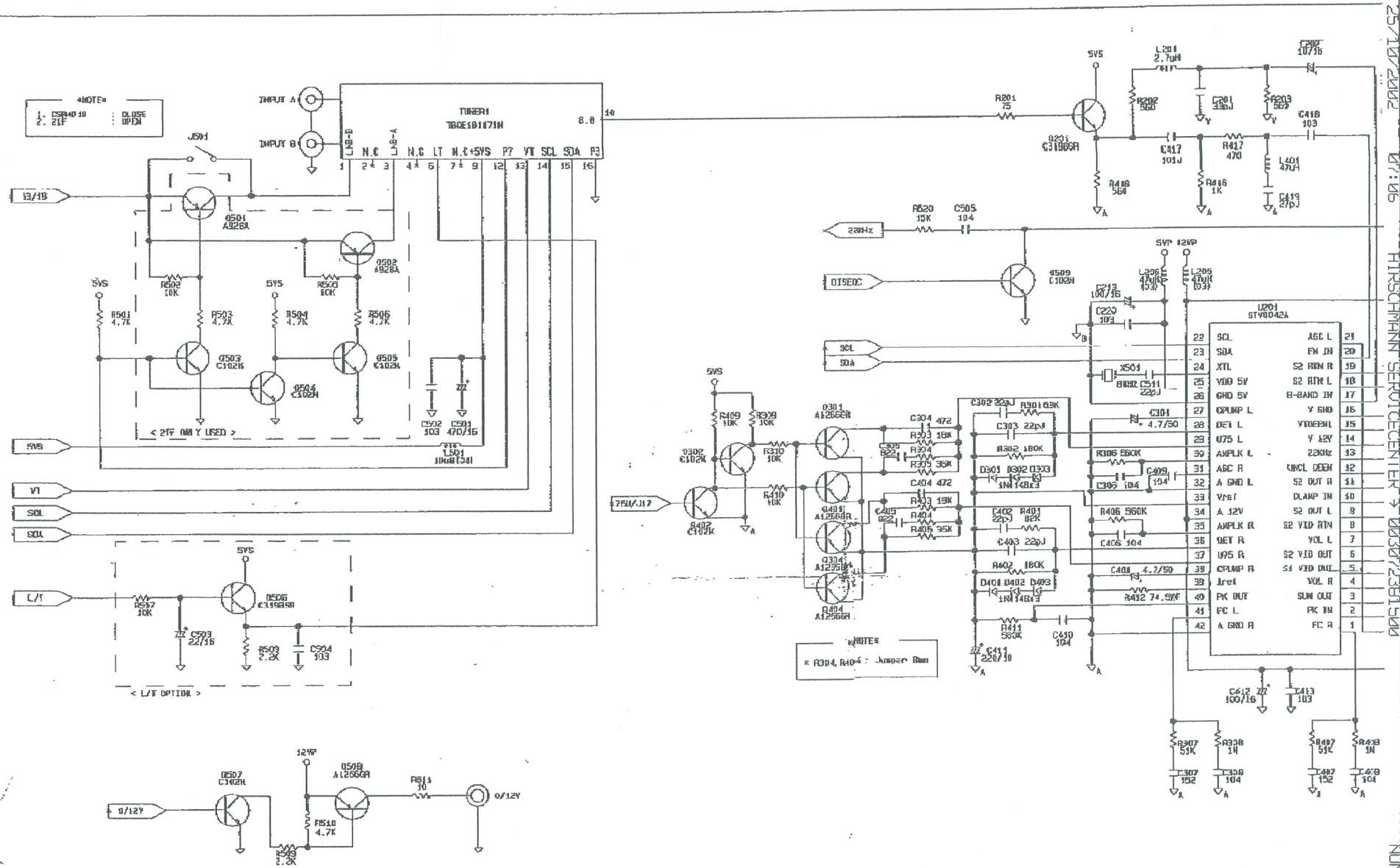
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				TITLE	S.V.R SCHEMATIC		
				MODEL	CSR401D		
				DWG.NAME	SCHEMATIC DIAGRAM		
HEPHZIBAH INDUSTRIES CO., LTD.				DWG.NO.	HSC - 0016 (CSR401D.SCH)		


T250mA/L250V
AC230V~
50Hz
TRANS
HS-7004-2
CON101/6
BLUE
CON101/5
D101-104
1N4004x4
U101
7805
C101
3300/16
C108
104
C113
103
C104
470/16
Q106
A928A
R101
4.7K
R102
1K
D117
1N4148
5VP
5VS
CON101/4
YELLOW
CON101/3
D105-108
1N4004x4
U102
7812
C102
2200/25
C109
104
C114
103
C105
470/16
Q107
A1266GR
R103
4.7K
R104
1K
D118
1N4148
Q101
C102M
12VP
12VS
POWER
CON101/2
RED
CON101/1
D109-112
1N4004x4
C116
22/50
D113
1N4004
R113
1K 1W
D114
1N4004
C106
100/63
ZD101
1N4750A
R105
10K
C107
100/50
C110
104
V1
MOD-V1
CON102
D115
1N4004
U103
317
C103
1000/50
C111
104
R110
240F
D116
1N4004
R106
100
R101
RXE050
R114
1K
1/2W
C112
104
13/18
C115
222
R111
2.6KF
R108
15K
Q105
C3198GR
R107
4.7K
60Hz
R112
1.05KF
Q102
C102M
V/H
22KHz
5VP
R109
10K
Q103
C102M
Q104
C102M

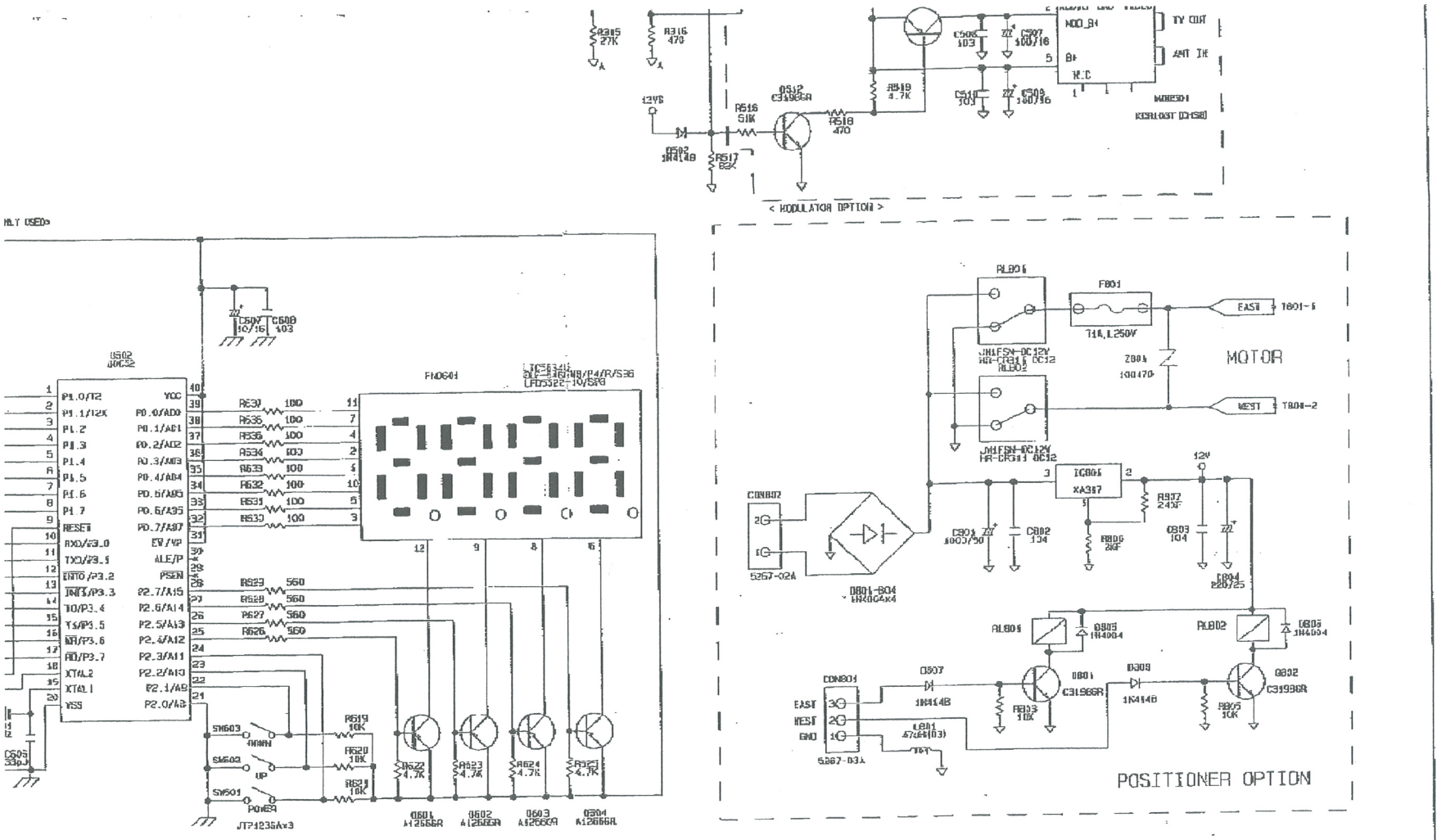

<POSITIONER ONLY USED>
5VP
U603
24C32
A0
A1
A2
GND
Vcc
TEST
SCL
SDA
C610
47p
C603
47p
C601
103
C602
10/16
R601 4.7K
R602 4.7K
R603 10K
R604 10K
R605 10K
R606 10K
R607 10K
R608 10K
R609 10K
R610 10K
R611 10K
R612 10K
R613 10K
R614 10K
R615 10K
SCL
SDA
POWER
V/H
60Hz
VCR_SENS
L/T
0/12V
SKEW
D-RX
D-TX
75Hz/J17
DISLOC
EAST
WEST
GND
CON601
P1.0/T2
P1.1/T2X
P1.2
P1.3
P1.4
P1.5
P1.6
P1.7
RESET
RXD/P3.0
TXD/P3.1
INT0/P3.2
INT1/P3.3
T0/P3.4
T1/P3.5
WR/P3.6
RD/P3.7
XTAL2
XTAL1
VSS
R617
47
R616
10K
C603
10/16
IR601
IRM-8601
TMS7300
TSOP1738
5VP
C604
10/16
R618
10K
U601
KIA7442
X601
8MHz
C605 C606
33pF 33pF


REV
DATE
DESCRIPTION
DESIGNED
CHECKED
NOTE
NON DECODER
1. J150, J151 is 8mm
2. J152 have to Retouch
<DECODER OPTION>
U201
STV0042A
U202
4053
SCART2
DECODER
SCART1-2
VCR
SCART1-1
TV
RCA501
AUDIO-R
AUDIO-L
VIDEO
VCR_SENS
D-TX
D-RX
Q203 C3198GR
Q204 C3198GR
Q403 A1266GR
Q510 C3198GR
D501 1N4148

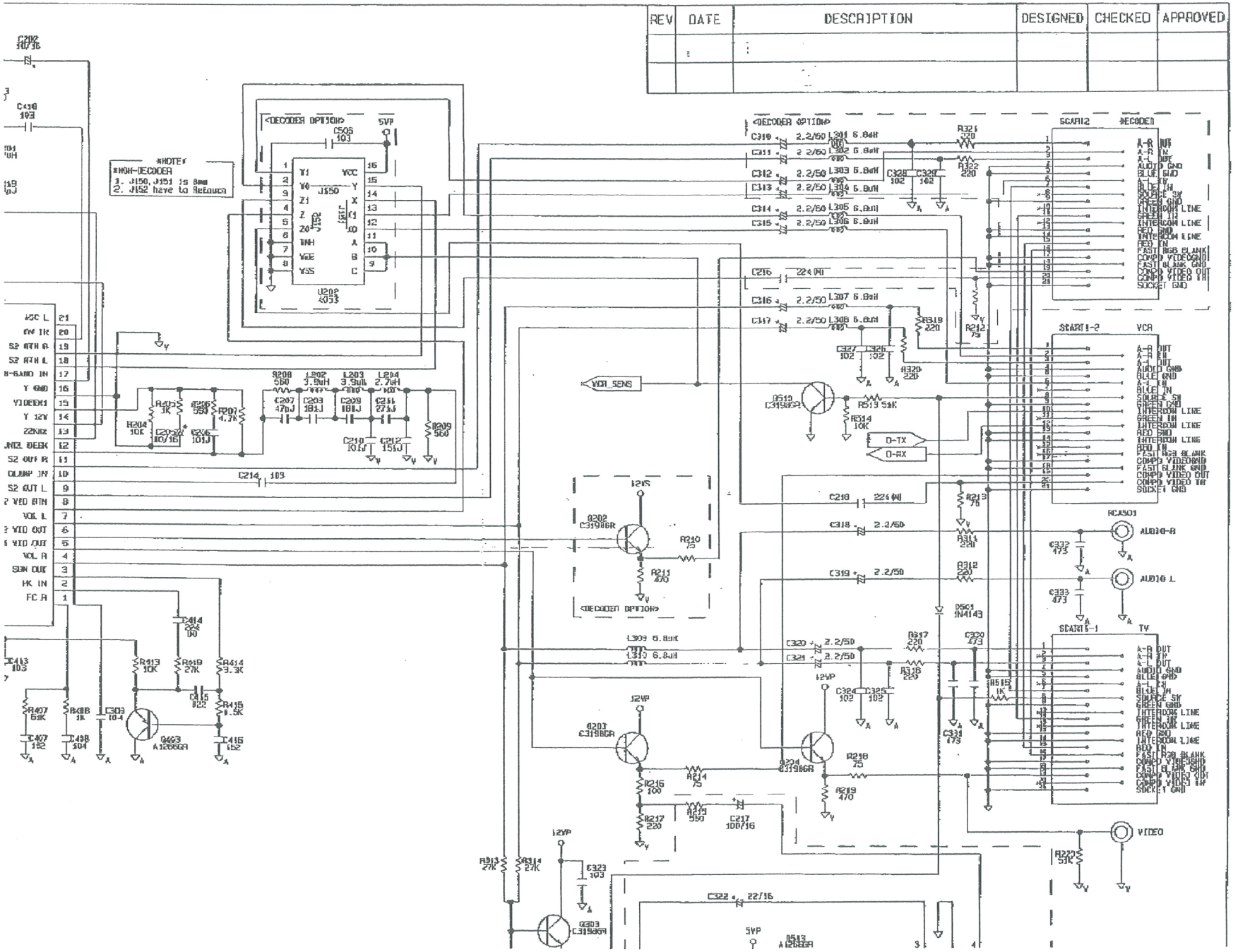

NOTE
1. CSA401D : CLOSE
2. 2IF : OPEN
J501
INPUT A
INPUT B
TUNER1
TBCE18117IN
B.B
10
LINE-B
N.C
LINE-A
N.C
LT
N.C
+5VS
P7
VT
SCL
SDA
P3
1
2
3
4
6
7
9
12
13
14
15
16
13/18
Q501
A928A
Q502
A928A
5VS
R501
4.7K
R502
10K
R503
4.7K
R504
4.7K
R505
10K
R506
4.7K
Q503
C102M
Q504
C102M
Q505
C102M
C502
103
C501
470/16
L501
10uH(04)
< 2IF ONLY USED >
VT
SCL
SDA
L/T
R507
10K
C503
22/16
Q506
C31986R
R508
2.2K
C504
103
< L/T OPTION >
Q507
C102M
12VP
Q508
A1266GR
R510
4.7K
R509
2.2K
R511
10
0/12V
R201
75
Q201
C3198GR
L201
2.7uH
R202
560
C201
33pJ
R203
560
C202
10/16
C417
101J
R417
470
C418
103
R418
560
R416
1K
L401
47uH
C419
27pF
22KHz
R520
15K
C505
104
DTSEC
Q509
C102M
5VP
12VP
L206
47uH
(03)
L205
47uH
(03)
C219
100/16
C220
103
SCL
SDA
X501
8MHZ
C511
22pJ
U201
STV0042A
22 SCL
23 SDA
24 XTL
25 VDD 5V
26 GND 5V
27 CPUMP L
28 DET L
29 U75 L
30 AMPLK L
31 AGC R
32 A GND L
33 Vref
34 A 12V
35 AMPLK R
36 DET R
37 U75 R
38 CPUMP R
39 Iref
40 PK OUT
41 FC L
42 A GND R
AGC L 21
FM IN 20
S2 RTN R 19
S2 RTN L 18
B-BAND IN 17
V GND 16
VIDEEM1 15
V 12V 14
22KHz 13
UNCL DEEM 12
S2 OUT R 11
CLAMP IN 10
S2 OUT L 9
S2 VID RTN 8
VOL L 7
S2 VID OUT 6
S1 VID OUT 5
VOL R 4
SUM OUT 3
PK IN 2
FC R 1
R409
10K
R309
10K
Q302
C102M
R310
10K
R410
10K
Q303
C102M
Q301
A1266GR
Q304
A1266GR
Q404
A1266GR
C304 472
R303 18K
C305 822
R304
R305 36K
C404 472
R403 18K
C405 822
R404
R405 36K
C302 22pJ
R301 82K
C303 22pJ
R302 180K
D301 D302 D303
1N4148x3
C402 22pJ
R401 82K
C403 22pJ
R402 180K
D401 D402 D403
1N4148x3
R411
560K
C410
104
C411
220/10
C301
4.7/50
R306 560K
C306 104
C409
104
R406 560K
C406 104
C401 4.7/50
R412 74.5KF
C412
100/16
C413
103
R307
51K
C307
152
R308
1M
C308
104
R407
51K
C407
152
R408
1M
C408
104
C30
104
NOTE
* R304, R404 : Jumper 8mm



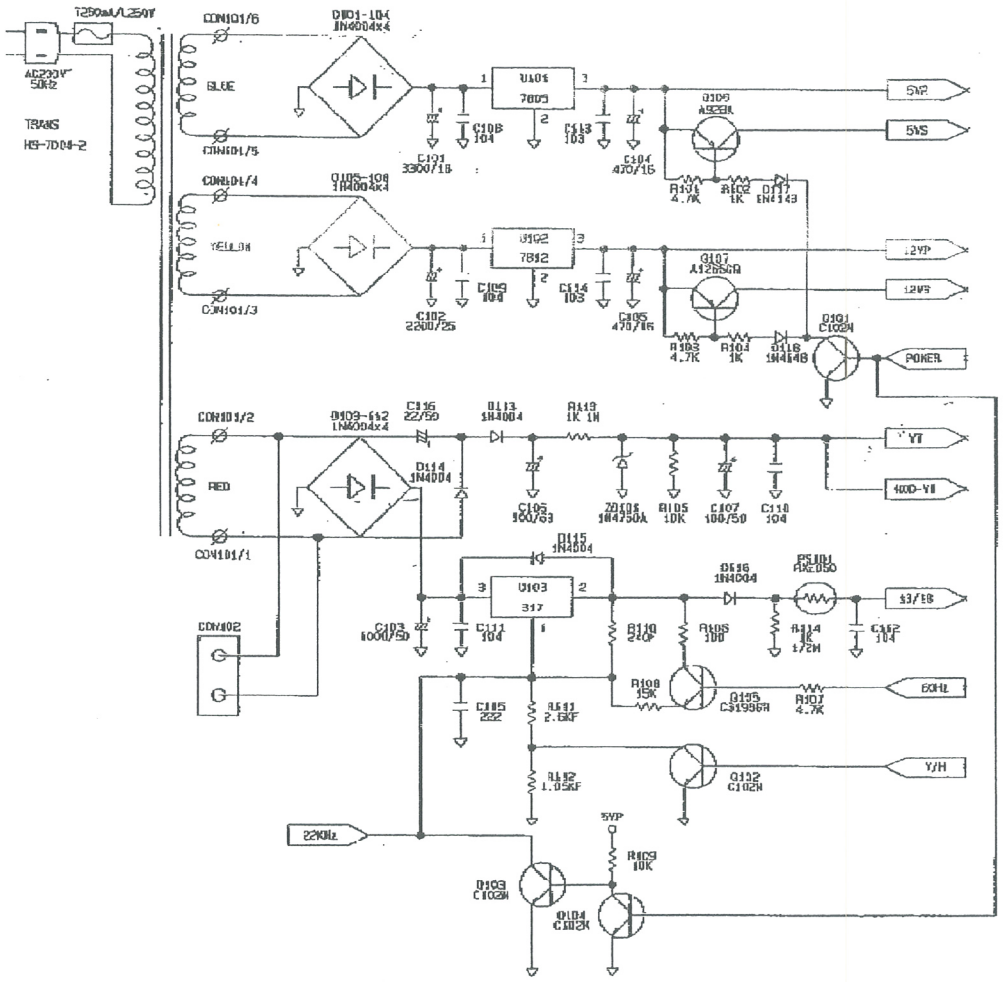
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FaxWare 10:45 25.10.2002 2/5 *504

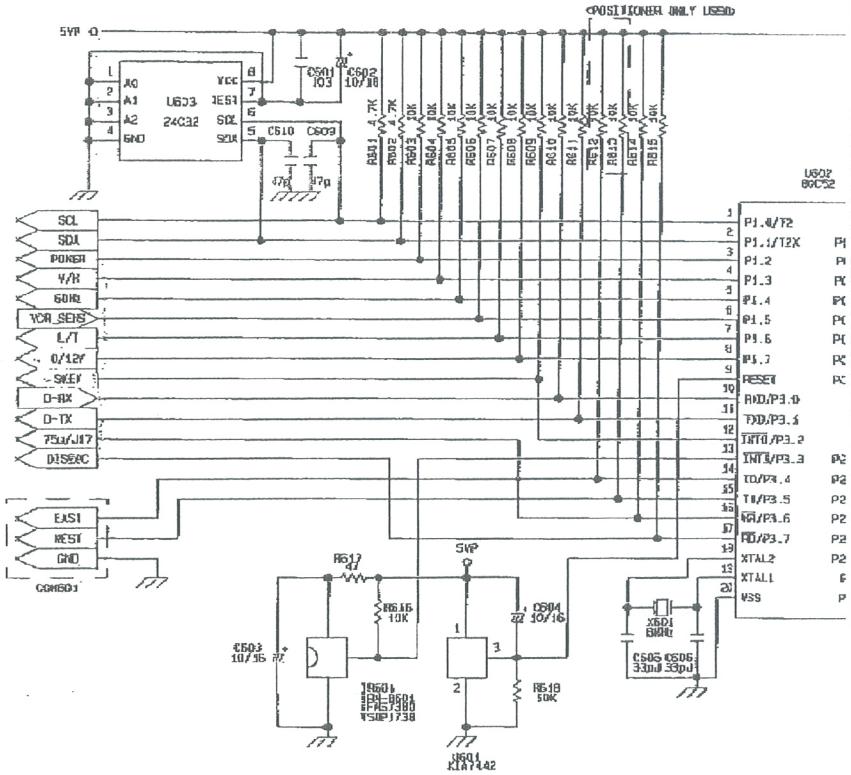


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25/10/2002 07:06 HIRSCHMANN SERVICECENTER → 0030723815500 NUM545 P03
*504 03/5 25.10.2002 10:45
FaxWare





25/10/2002 07:06 HIRSCHMANN SERVICECENTER → 0103723815#0 *504 4/5 25.10.2002 10:45 NUM545 P04
FaxWare